

WHAT IS CLAIMED IS:

1. A method for detecting the border of recorded video data, comprising:
analyzing a plurality of video frames, the plurality of video frames comprising
recorded video data and undesired data;

5 determining whether at least one of the plurality of video frames comprises
substantially all undesired data; and

identifying the at least one of the plurality of video frames as a border of the
recorded video data if the at least one of the plurality of video frames comprises
substantially all undesired data.

10 2. The method of claim 1, further comprising digitizing at least a subset
of the plurality of video frames.

3. The method of claim 1, further comprising compressing the at least a
subset of the digitized plurality of video frames.

15 4. The method of claim 1, further comprising formatting the at least a
subset of the digitized plurality of video frames.

5. The method of claim 1, further comprising storing at least a subset of
the plurality of video frames on optical storage media using a media storage system.

20 6. The method of claim 1, further comprising receiving at least a subset
of the plurality of video frames from one of the group consisting of a video
camcorder, video recorder, and a digital data stream.

7. The method of claim 1, further comprising:
creating a histogram of at least one of the plurality of video frames; and
determining from the histogram whether the at least one of the plurality of
video frames comprises substantially all undesired data.

25 8. The method of claim 1, further comprising:
analyzing motion vectors created from the at least one of the plurality of video
frames; and

determining from the motion vectors whether the at least one of the plurality of video frames comprises substantially all undesired data.

9. A system for detecting the border of a video stream, comprising:
a video data source; and

5 a border detection module coupled to the video data source and operable to
receive a plurality of video frames, the plurality of video frames
comprising recorded video data and undesired data,

analyze the plurality of video frames,

10 determine whether at least one of the plurality of video frames
comprises substantially all undesired data, and

identify the at least one of the plurality of video frames as a border of
the recorded video data if the at least one of the plurality of video frames
comprises substantially all undesired data.

10. The system of claim 9, further comprising a media storage system
15 operable to store at least a portion of the plurality of video frames.

11. The system of claim 10, wherein the media storage system comprises
optical storage media.

20 12. The system of claim 9, wherein at least a subset of the plurality of
video frames is received from one of the group consisting of a video camcorder, video
recorder, and a digital data stream.

13. The system of claim 9, wherein the border detection module is further
operable to determine by:

creating a histogram of at least one of the plurality of video frames; and

25 determining from the histogram whether the at least one of the plurality of
video frames comprises substantially all undesired data.

14. The system of claim 9, wherein the border detection module is further
operable to determine by:

analyzing motion vectors created from the at least one of the plurality of video
frames; and

determining from the motion vectors whether the at least one of the plurality of video frames comprises substantially all undesired data.

15. An application for detecting a border of recorded video data comprising:

5 a border detection module;

logic residing on the module, the logic operable to

receive a plurality of video frames, the plurality of video frames comprising recorded video data and undesired data,

analyze the plurality of video frames,

10 determine whether at least one of the plurality of video frames comprises substantially all undesired data, and

identify at least one of the plurality of video frames as a border of the recorded video data if the at least one of the plurality of video frames comprises substantially all undesired data.

16. The application of claim 15, wherein the logic residing on the module comprises at least one software application.

17. The application of claim 15, wherein the logic residing on the module comprises firmware.

18. The application of claim 15, wherein the logic is operable to determine
20 by:

creating a histogram of at least one of the plurality of video frames; and

determining from the histogram whether the at least one of the plurality of video frames comprises substantially all undesired data.

19. The application of claim 15, wherein the logic is further operable to
25 cause recording of the desired data onto an optical storage medium using a media storage system.

20. The application of claim 15, wherein the logic is further operable to determine by:

analyzing motion vectors created from the at least one of the plurality of video frames; and

determining from the motion vectors whether the at least one of the plurality of video frames comprises substantially all undesired data.

- 5 21. The application of claim 15, wherein substantially all is determined by a value defined by a user.

 22. The application of claim 15, wherein at least a subset of the plurality of video frames is received from one of the group consisting of a video camcorder, video recorder, and a digital data stream.

